

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A SNP probe consisting of an oligonucleotide that is complementary to a SNP nucleic acid selected from the SNP nucleic acids shown in SEQ ID NOs: ~~375,636 1,335,663~~ 1-12,108.